

NCDOT Prioritization 3.0 Project Summary

SPOT ID: H129600-B Mode: Highway Status: Submitted

I-26

From/Cross Street: North of SR 3548 (Haywood

Road)

To: US 19/23/70

Length: 2

Specific Improvement Type: 8 - Improve Interchange

Project Category: Statewide Mobility

TIP#: I-2513B

Fully Funded in Draft STIP? No Cost to NCDOT: \$229,000,000

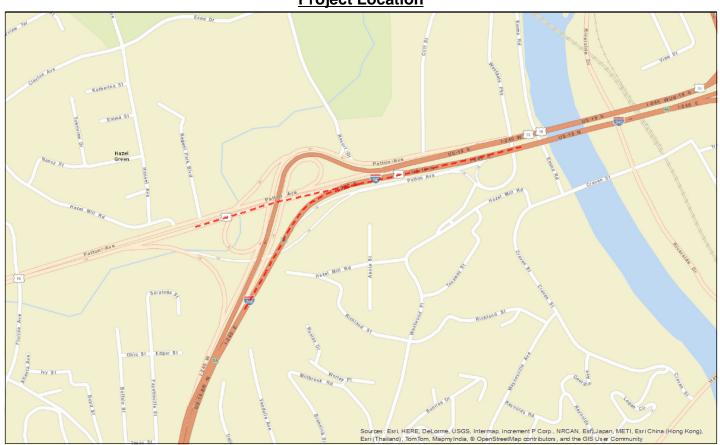
Description:

Construct Multi-Lane Freeway, Part on New Location

Division(s): Division 13 **County(s):** BUNCOMBE

MPOS(s)/RPO(s): French Broad River MPO

Project Location



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Statewide Mobility Total Score: 46.63

| Quantitative Score | | Division Engineer Local Input Points | MPO/RPO Local Input Points |
|---|---|---|-------------------------------|
| Safety (10%) Economic Competitiveness (10%) Multimodal + [Freight & Military] (20%) [Travel Time] Benefit/Cost (30%) Congestion (V/C) (30%) Totals: Weight: 100% Weighted Score: | 66.70 23.59 35.01 2.00 100.00 | N/A | N/A |

Regional Impact Total Score: 51.65

| Quantitative Score | | Division Engineer Local Input Points | MPO/RPO Local Input Points |
|---|----------------------------------|---|-------------------------------|
| Congestion (V/C) (25%) Safety (10%) [Travel Time] Benefit/Cost (25%) Accessibility / Connectivity (10%) Totals: Weight: 70% Weighted Score | 100.00 66.70 2.00 44.79 | Percent: 15% Points: 100 | Percent: 15% Points: 0 |

Division Needs Total Score: 27.07

| Quantitative Score | | Division Engineer Local Input Points | MPO/RPO Local Input Points |
|--|-------------------------|---|-------------------------------|
| Congestion (V/C) (20%) Safety (10%) [Travel Time] Benefit/Cost (20%) Totals: Weight: 50% Weighted Score | 100.00 66.70 2.00 | Percent: 25% Points: 0 | Percent: 25% Points: 0 |

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Project Data *

Existing Conditions

Existing Cross-Section: Speed Limit: 53 Length (miles); Freeway Facility Type: Full Access Control: Functional Classification: Interstate Terrain Type: Rolling Lane Width: 12 Paved Shoulder Width: 8 Roadway has Curb & Gutter? Yes Volume (AADT): 134355.49 Capacity: 152327.66 Volume/Capacity Ratio: 0.88 % Autos: 95% % Trucks: 5% Truck Volume: 7001.64 0 Crash Density: 0 Crash Severity: 0 Critical Crash Rate: Crash Frequency: 66.7 Severity Index: 66.7 County Tier Designation: Non-Interstate STRAHNET No Route? Average Commuting Time: 20 Existing Median Type (for Divided Cost Estimation): Pavement Condition Rating: 66 39.26 Actual Congested Speed: Travel Time Index: 1.4

Project Benefits

| Project Cross-Section: | |
|--|-------------|
| Speed Limit: | 60 |
| Length (miles): | 2 |
| Facility Type: | Freeway |
| Access Control: | Full |
| Functional Classification: | Interstate |
| TerrainType: | Rolling |
| DOT Design Lane Width: | 12 |
| DOT Design Paved Shoulder Width: | 10 |
| Travel Time Savings for 30 Years (Total): | 20362000 |
| Travel Time Savings for 30 Years (Autos): | 19300878.72 |
| Travel Time Savings for 30 Years (Trucks): | 1061121.28 |
| Long-Term Employment: | 381 |
| % Change in Economy: | 9.08E-05 |
| Provides Direct Connection to Transportation Terminal? | No |
| Does project upgrade how the roadway functions? | No |
| In CTP or LRTP? | No |
| CTP/LRTP Name: | |
| CTP/LRTP Completion Year: | |
| Submitted by: | Division 13 |
| | |

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^{*} Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!ine tool and associated databases.

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Project Ownership

Division

| Division | Percent | Regional Impact | Division Needs |
|-----------------------|---------|-----------------|----------------|
| Division 13 | 100% | 100 | 0 |
| | 0% | 0 | 0 |
| | 0% | 0 | 0 |
| TOTAL Division Points | | 100 | 0 |

MPO/RPO

| MPO/RPO | Percent | Regional Impact | Division Needs |
|------------------------|---------|-----------------|----------------|
| French Broad River MPO | 100% | 0 | 0 |
| | 0% | 0 | 0 |
| | 0% | 0 | 0 |
| TOTAL MPO/RPO Points | | 0 | 0 |

Project Cost and Source

| Construction Cost: | \$180,500,000 | TIP Unit |
|---------------------|---------------|-------------------|
| Right-of-Way Cost: | \$49,500,000 | TIP Unit |
| Utilities Cost: | \$0 | TIP Unit |
| Total Project Cost: | \$230,000,000 | |
| Other Funding: | \$1,000,000 | City of Asheville |
| Cost to NCDOT : | \$229,000,000 | |

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